



Please type a plus sign (+) inside this box ☒

PTO/SB/01 (12-97)

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing      OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	<b>Attorney Dock t Number</b>	DB000670-000
	<b>First Named Inventor</b>	Fujii, Masaki
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	Not yet assigned
	<b>Filing Date</b>	
	<b>Group Art Unit</b>	Not yet assigned
	<b>Examiner Name</b>	Not yet assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if multiple names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**NOVEL HYDROTALCITES, SYNTHESSES, AND USES**

the specification of which ☒ is attached hereto (Title of the Invention)

OR ☒ was filed on (MM/DD/YYYY) **08/23/2001**

as United States Application Number or PCT International

Application Number **09/935,952** and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 356(b) of any foreign application(s) for patent or inventor's certificate, or 356(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)

☐ Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☐ Registered practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label here

Name	Registration Number	Name	Registration Number

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number or Bar Code Label ☐ Correspondence address below

Name			
Address			
Address			
City	State	ZIP	
Country	Telephone	Fax	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])		Family Name or Surname	
Masaki		Fujii	
Inventor's Signature	Date		12/18/00
Residence: City	Sewickley	State	PA
		Country	United States
Citizenship	Japan		
Post Office Address	115 Alagua Drive		
Post Office Address			
City	Sewickley	State	PA
		ZIP	15143
		Country	United States

☒ Additional inventors are being named on the 2 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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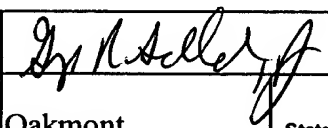
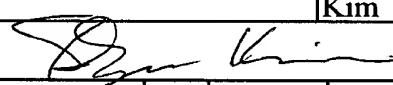
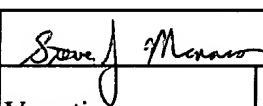
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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 2

<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
George R.				Gallaher, Jr.			
Inventor's Signature				Date	12/18/00		
Residence: City	Oakmont	State	PA	Country	United States	Citizenship	U.S.
Post Office Address	824 Seventh Avenue						
Post Office Address							
City	Oakmont	State	PA	ZIP	15139	Country	United States
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Sehyun				Kim			
Inventor's Signature				Date	12/18/00		
Residence: City	Murrysville	State	PA	Country	United States	Citizenship	Korean
Post Office Address	4119 Windsor Court						
Post Office Address							
City	Murrysville	State	PA	ZIP	15668	Country	United States
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Steven J.				Monaco			
Inventor's Signature				Date	12/18/00		
Residence: City	Venetia	State	PA	Country	United States	Citizenship	U.S.
Post Office Address	114 Grouse Court						
Post Office Address							
City	Venetia	State	PA	ZIP	15367	Country	United States

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**ADDITIONAL INVENTOR(S)**

## Supplemental Sheet

Page 2 of 2

<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Edwin B.				Townsend IV			
Inventor's Signature					Date		12/18/00
Residence: City		New Kensington		State	PA	Country	United States
						Citizenship	U.S.
Post Office Address		167 Shearer Road					
Post Office Address							
City		New Kensington		State	PA	ZIP	15068
						Country	United States
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Thomas S.				Brima (Deceased)			
Inventor's Signature		Separate Declaration signed by Executrix			Date		
Residence: City				State		Country	
						Citizenship	
Post Office Address							
Post Office Address							
City				State		ZIP	
						Country	
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature					Date		
Residence: City				State		Country	
						Citizenship	
Post Office Address							
Post Office Address							
City				State		ZIP	
						Country	

**Burden Hour Statement:** This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



# DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that along with Masaki Fujii, George R. Gallaher, Jr., Sehyun Kim, Steven J. Monaco and Edwin B. Townsend IV, I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: NOVEL HYDROTALCITES, SYNTHESSES AND USES the specification of which:

(check one) ☐ is attached hereto.

☒ was filed on August 23, 2001 as Application Serial No. 09/935,952

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application (s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claim:

Prior Foreign Application(s)

Priority Claimed

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
(Number) (Country) D/M/YR Filed

☐ YES ☐ NO

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
(Number) (Country) D/M/YR Filed

☐ YES ☐ NO

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
(Number) (Country) D/M/YR Filed

☐ YES ☐ NO

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application (s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

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00335052 442504

(Application Serial No.) (Filing Date) (Status)  
(patented, pending, abandoned)

(Application Serial No.) (Filing Date) (Status)

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to:

Robert A. Koons, Jr.  
PEPPER HAMILTON LLP  
3000 Two Logan Square  
Eighteenth and Arch Streets  
Philadelphia, PA 19103-2799  
Telephone: (215) 981-4406  
Facsimile: (215) 981-4271

## DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## SIGNATURES

Full name of **inventor**: Thomas S. Brima

Inventor's signature: Thomas S. Brima by

Date 11/19/01 Country of Citizenship United States of America

Residence: 367 Barclay Avenue, Pittsburgh, Pennsylvania

Post Office Address: 367 Barclay Avenue, Pittsburgh, Pennsylvania 15221



FORM 20 RW

## Register of Wills of Allegheny County, Pennsylvania

Commonwealth of Pennsylvania,

ALLEGHENY COUNTY

}

SS:

No. 165852

No. 020002396 of 2000

I, DAVID N. WECHT, ESQUIRE, Register of Wills in and for the County of Allegheny in the Commonwealth of Pennsylvania, DO HEREBY CERTIFY that on the 31ST

day of MARCH, 2000 LETTERS LETTERS OF ADMINISTRATION

on the Estate of THOMAS STEPHEN BRIMA

THOMAS S. BRIMA

, deceased, were granted to GWENDOLYN HAWK

having first been qualified well and truly to administer the same. And, I further certify that no revocation of said Letters appears of record in my office.

Date of Death FEBRUARY 22, 2000

Social Security No. 275-56-2351

Given under my hand and seal of office, at Pittsburgh

this 2ND day of MAY 2001

David N. Wecht  
DAVID N. WECHT, ESQUIRE

REGISTER OF WILLS

Paul H. Smith  
CLERK

NOT VALID WITHOUT ORIGINAL SIGNATURE AND IMPRESSED SEAL